

# California Department of Forestry & Fire Protection



## CDF ENGINE - MODEL 15

### USE

CDF moved to the Model 15 in 1990. At this point, the Department had adopted the 500 gallons per minute, two-stage pump, hydrostatically driven, as an effective system. Field experience had proven this combination to provide flexibility in dealing with the wide variety of fire scene conditions encountered by CDF crews. This was one design factor facilitating moving the crew inside for safety, without increasing the chassis wheel-base. One note, CDF Model 15 and 14 engines are basically the same, with the exception of the chassis, two-wheel drive versus four-wheel drive. CDF has 81 Model 15 engines on the frontlines.

### CREW

Seating for 5 personnel

### CAPABILITIES

<b>Booster Tank:</b>	500 gallons
<b>Fire Pump:</b>	Hydrostatic Driven Darley 500 Two-Stage Waterous 500 Two-Stage Class A Foam

### MANUFACTURERS

<b>Chassis:</b>	Navistar
<b>Body:</b>	Master Body Works, West-Mark Placer Fire

### SPECIFICATIONS

<b>Gross Vehicle Weight:</b>	33,000 lbs.
<b>Engine:</b>	DT-466 230 H.P.
<b>Front Axle:</b>	12,000 lbs.
<b>Rear Axle:</b>	21,000 lbs.
<b>Transmission:</b>	Allison MTB 653
<b>Wheel Base:</b>	152"

